



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Friday October 23, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Marginal risk of severe storms for NE AR today.**
- **Elevated to critical fire weather conditions for NM into the TX/OK Panhandles tomorrow.**
- **Winter travel impacts may develop in the high terrain and eastern NM beginning Sunday night, spreading into the TX/OK Panhandles, W TX and W&Central OK Monday into Tuesday.**
- **No impacts to FEMA 6 from Hurricane Epsilon and the area in the Caribbean.**

FEMA Region 6 Threat Matrix

Oct 23, 2020 - Oct 27, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	NE AR				
Heavy Rain / Flash Flooding					
Fire Weather		NM TX/OK Panhandles			
Tropical Winds / Surge					
Winter Weather			NM	NM TX/OK Panhandles WTX/W&Central OK	NM TX/OK Panhandles WTX/W&Central OK
River Flooding	SW LA	SW LA	SW LA	SW LA	SW LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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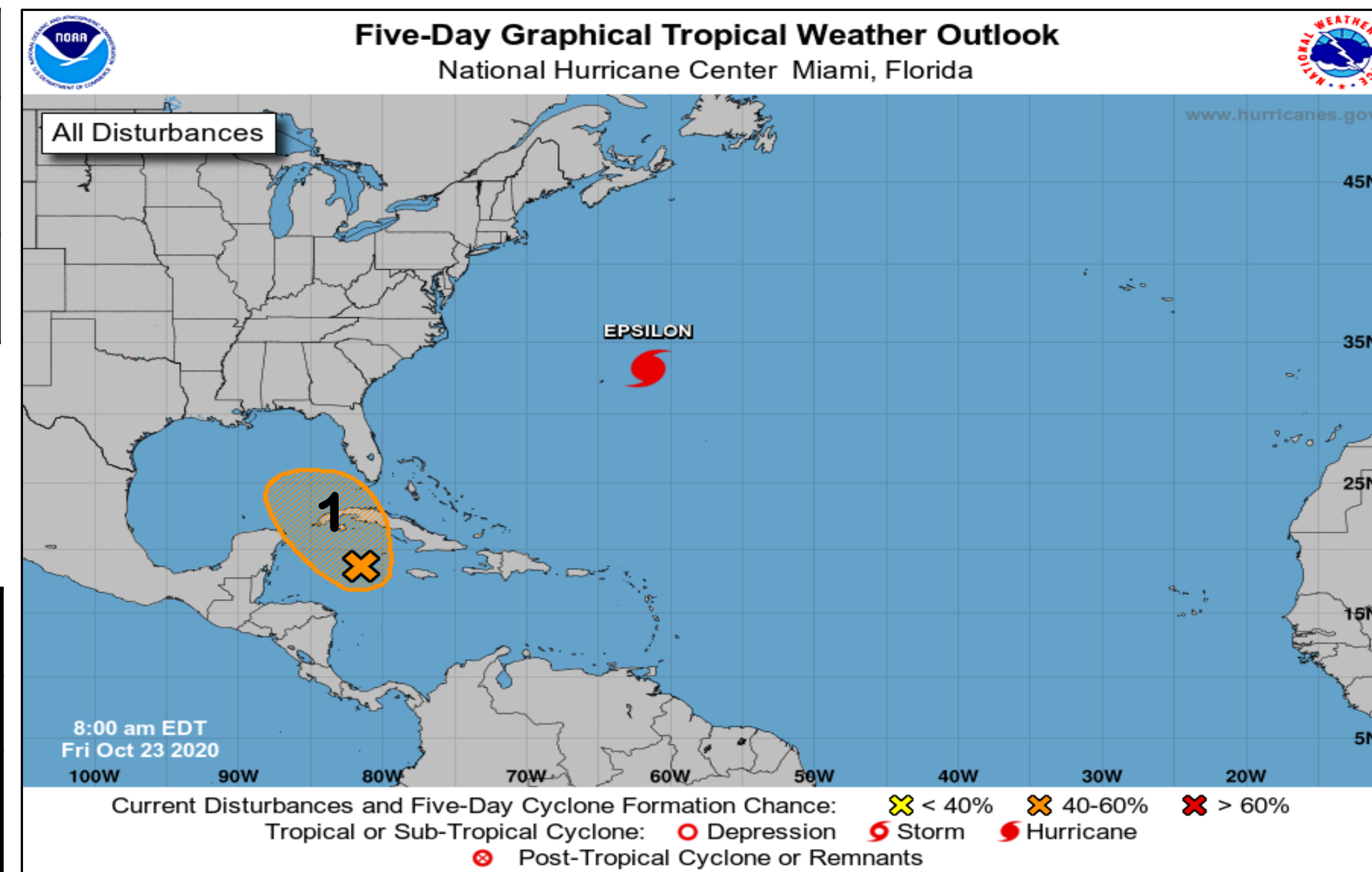
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None.

Active Tropical Cyclones

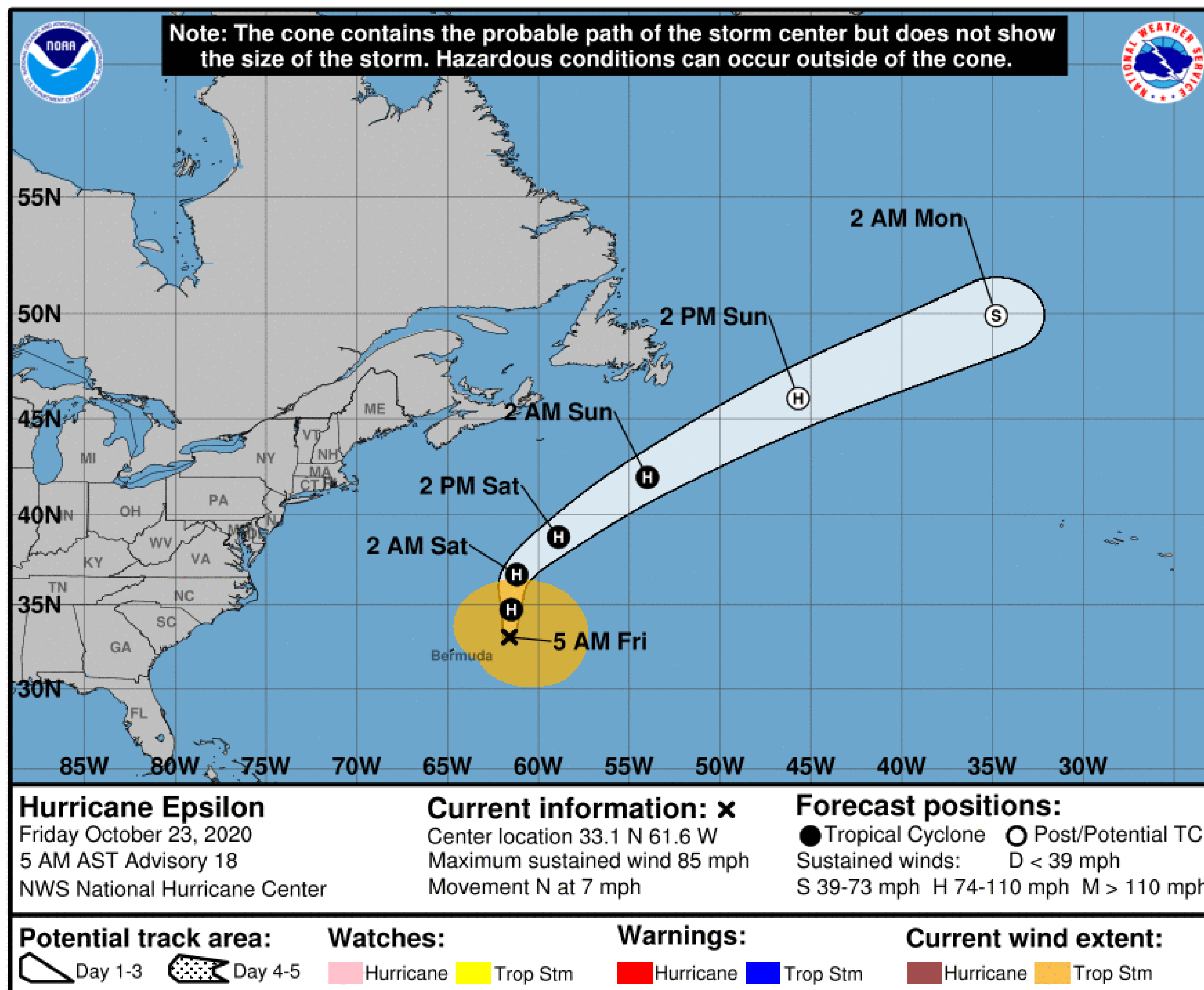
Storm	Potential Impacts to FEMA 6
Epsilon	None.



Epsilon



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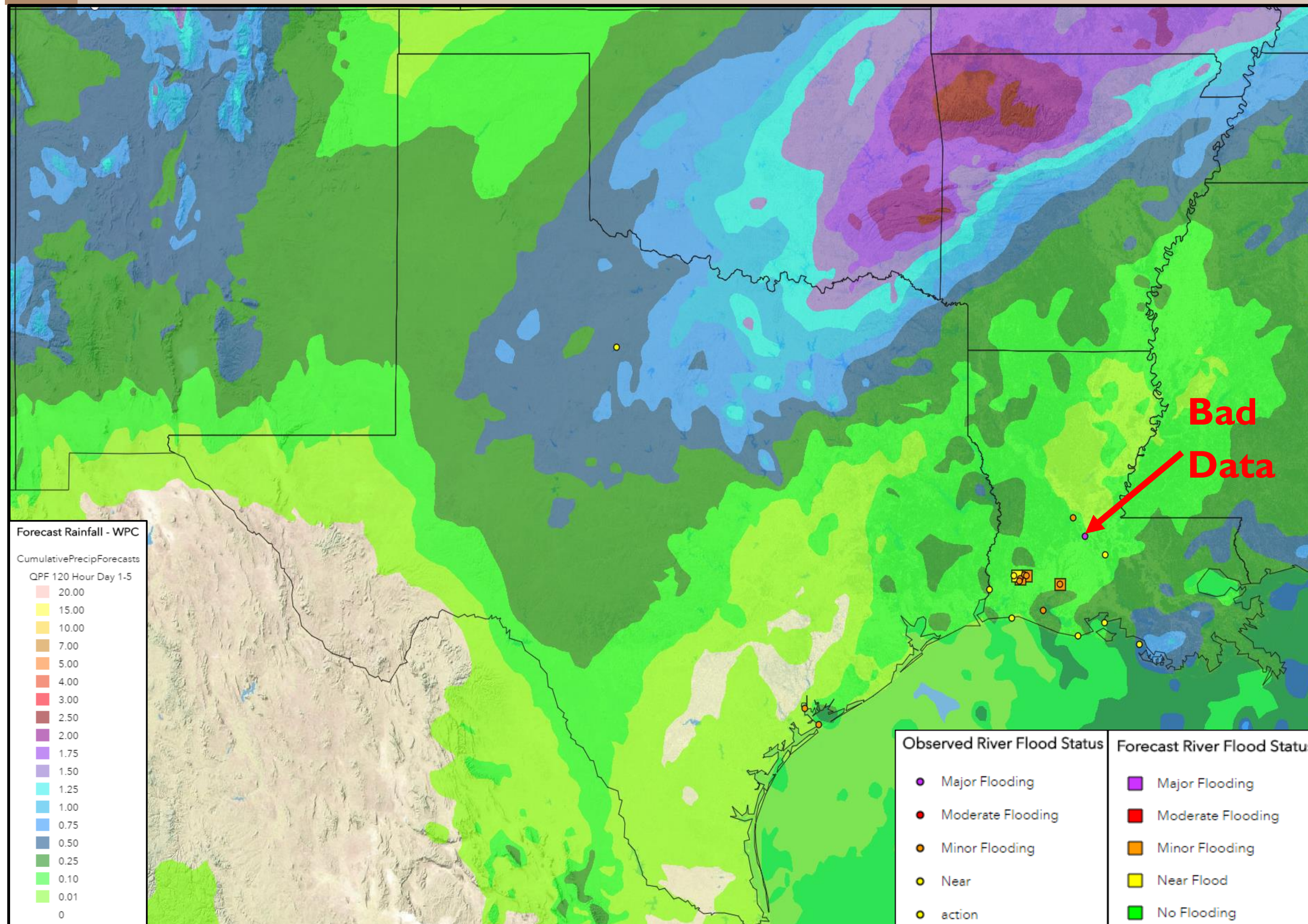
Hurricane Epsilon will move slowly North and then turn eastward and move rapidly out to sea this weekend. No impacts to FEMA 6.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

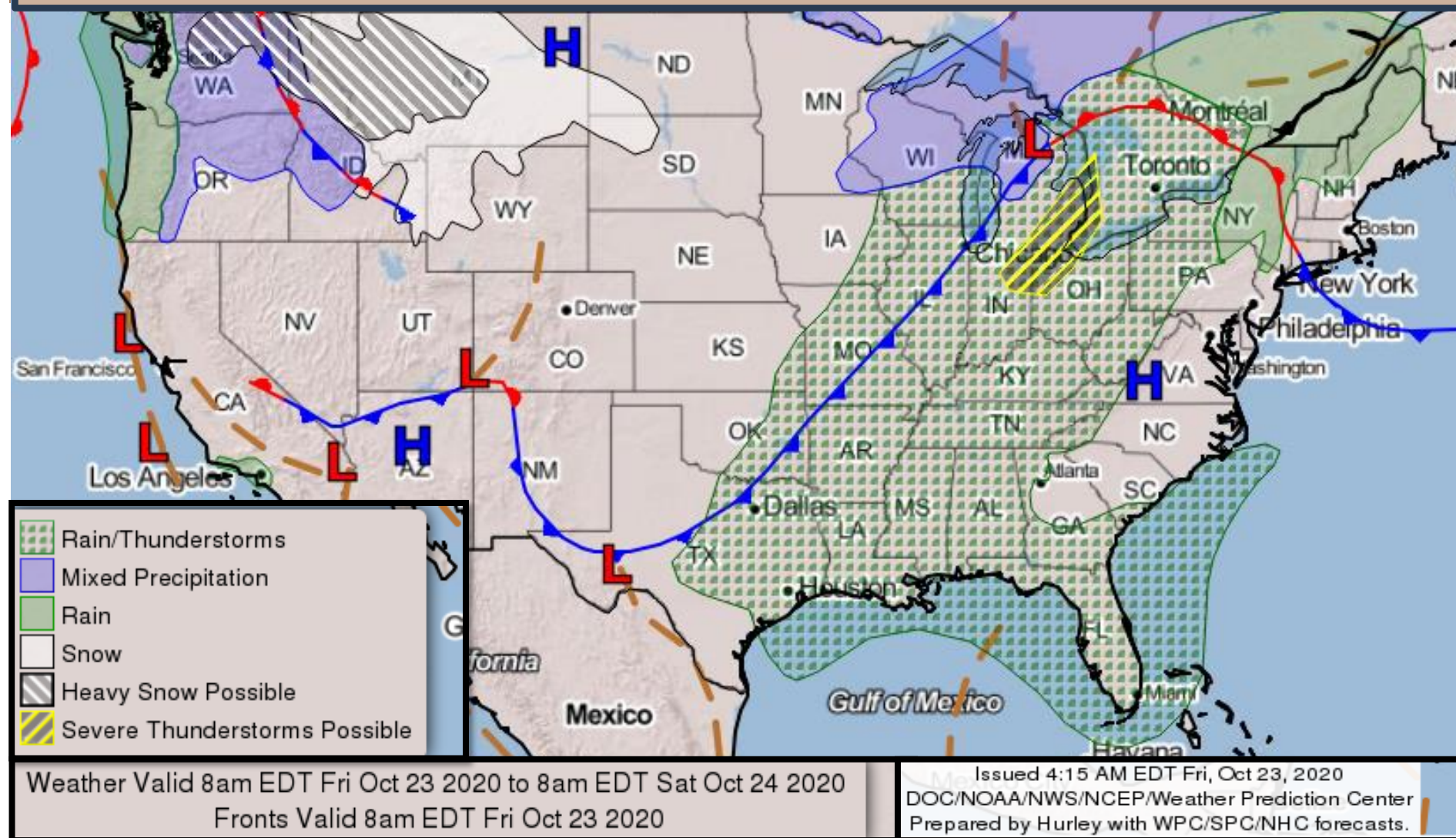


Minor river flooding continues across SW LA.

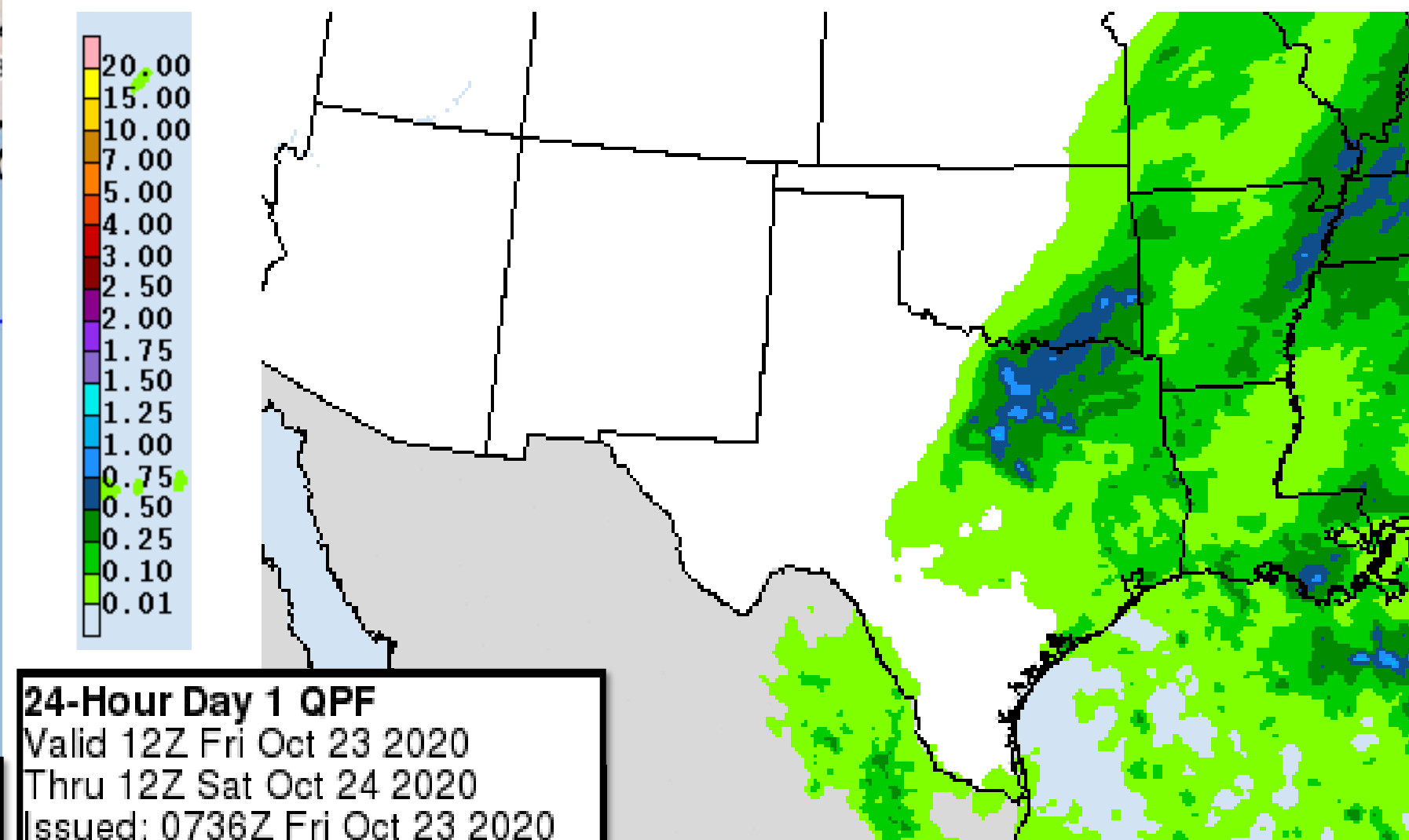
- The Calcasieu River will continue to slowly recede. White Oak Park (east of Lake Charles) will remain in minor flood stage into next week. **Impacts:** Water over lowest portions of Goos Ferry Road. Cars should be moved to higher ground.
- The Mermentau River at Mermentau will remain in minor flood into next week. **Impacts:** Minor lowland flooding near the river.

Today's Weather

Forecast Chart

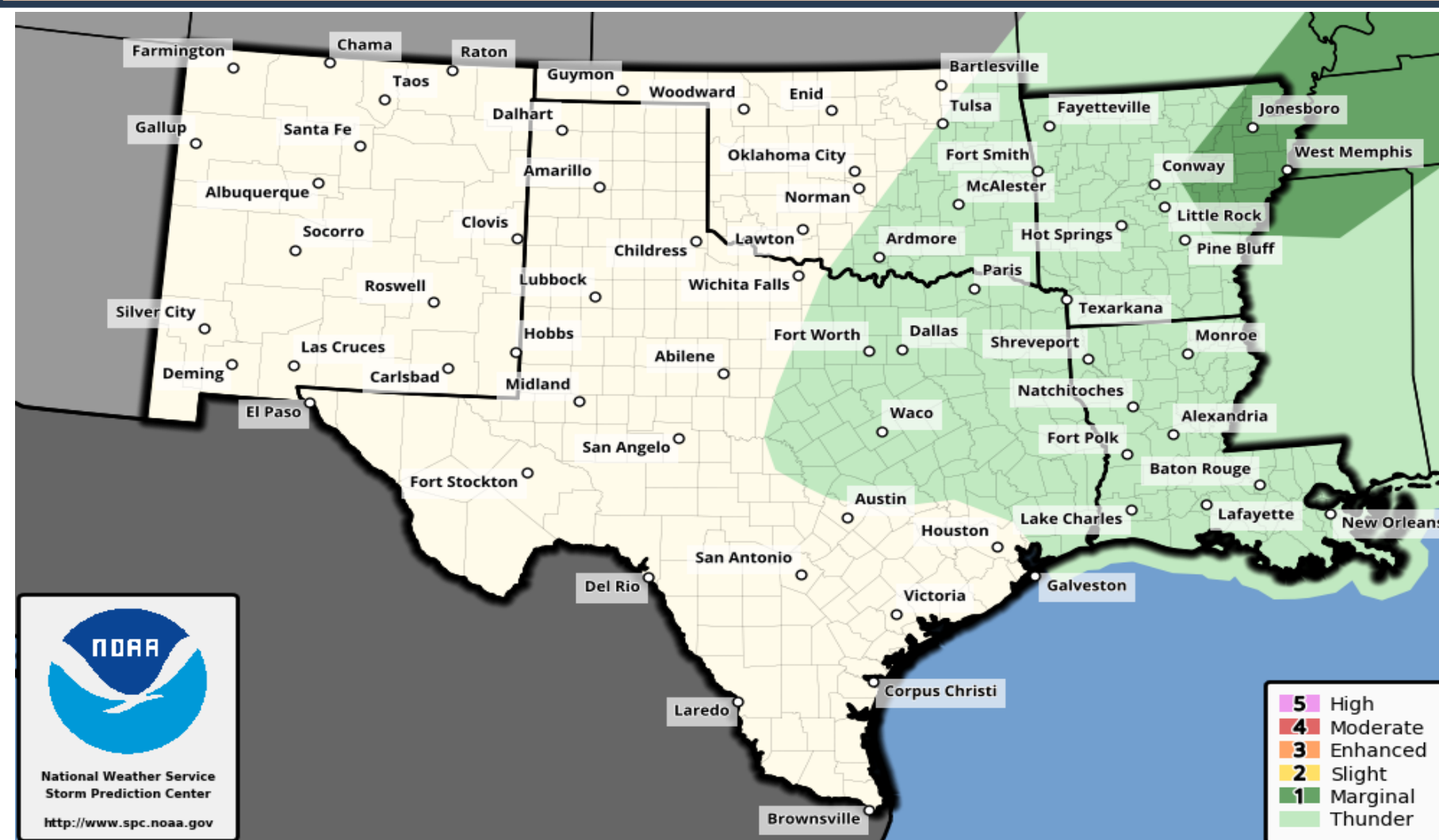


Forecast Rainfall

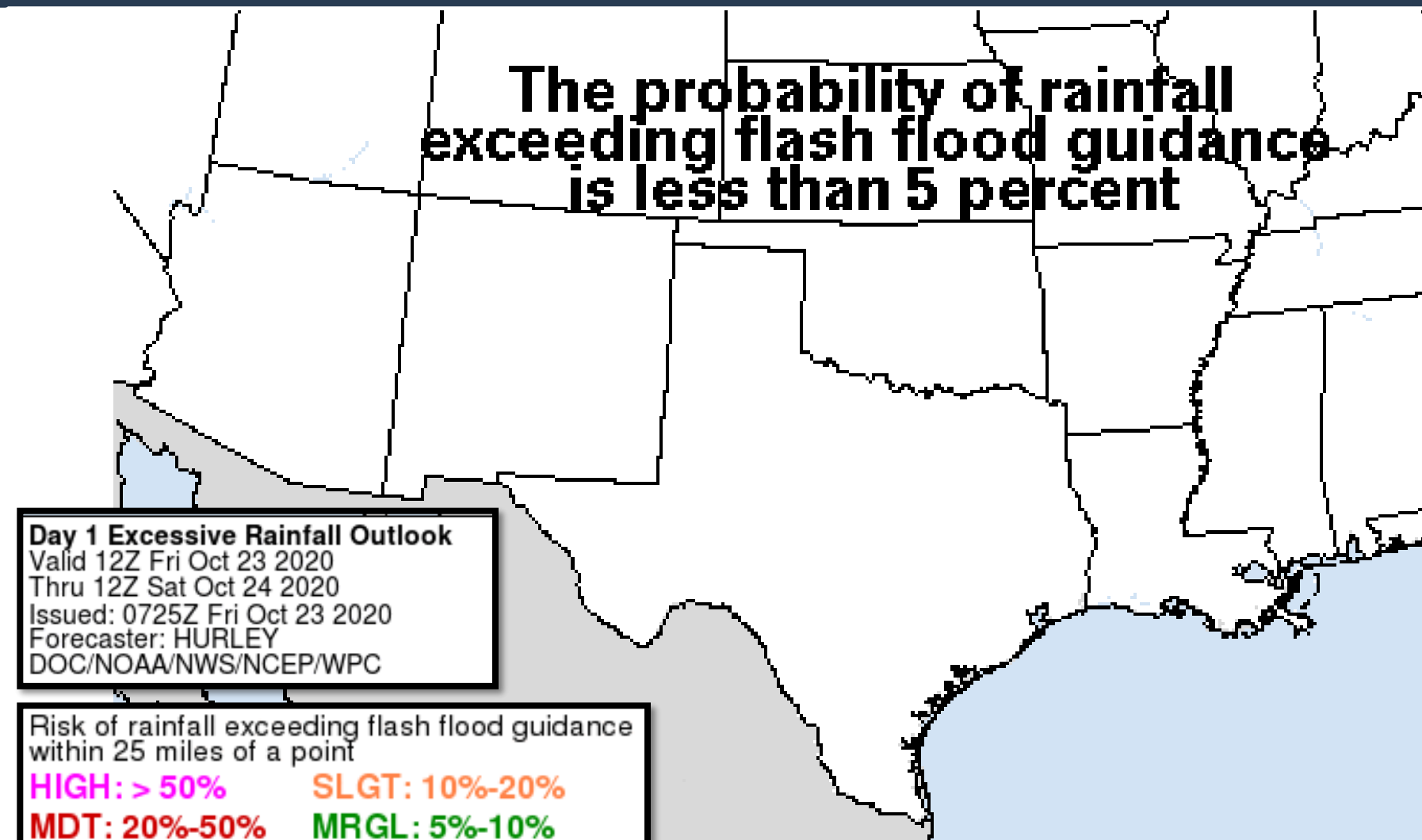


Isolated strong to severe storms with hail and damaging wind gusts across NE AR.

Severe Weather Outlook



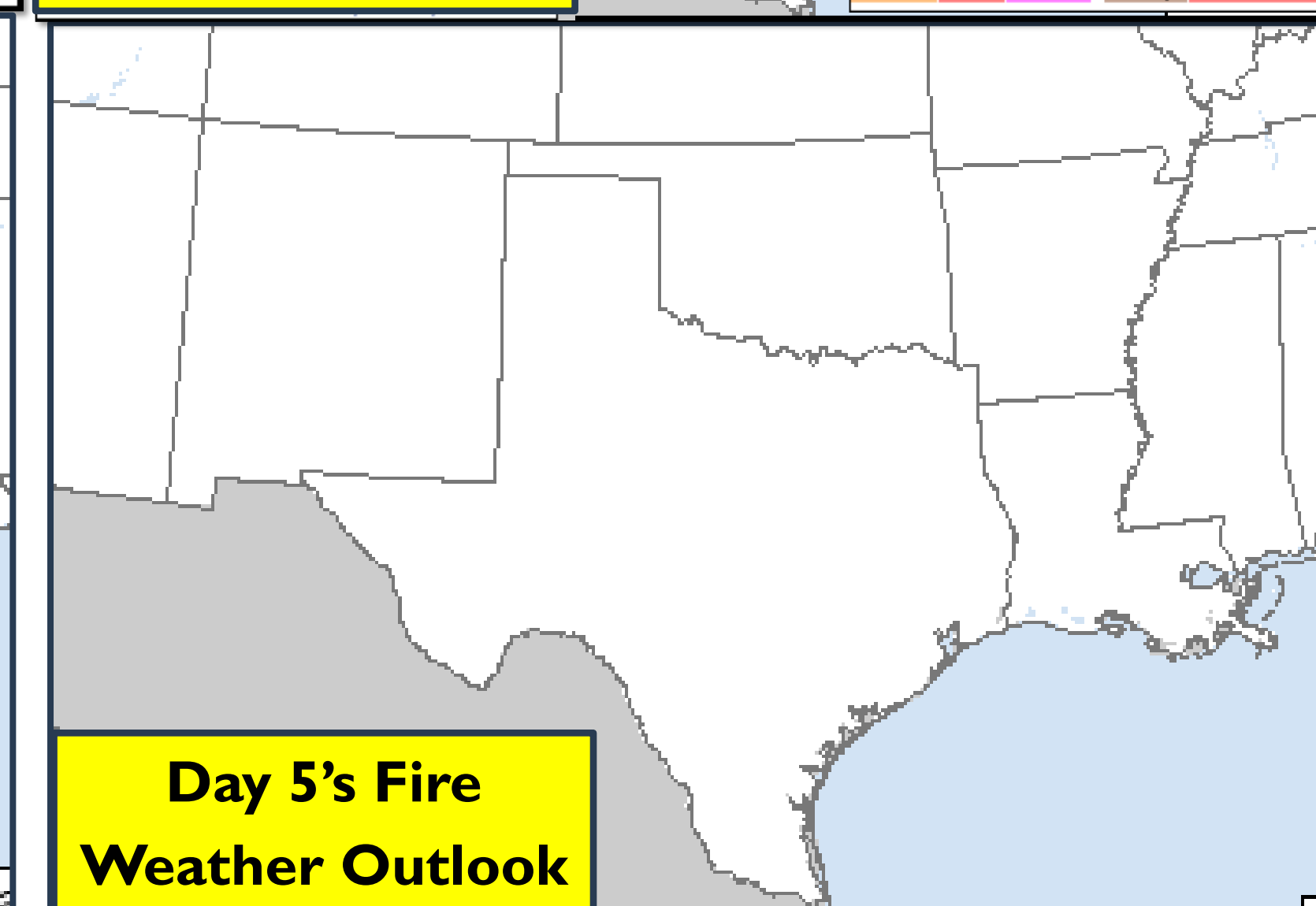
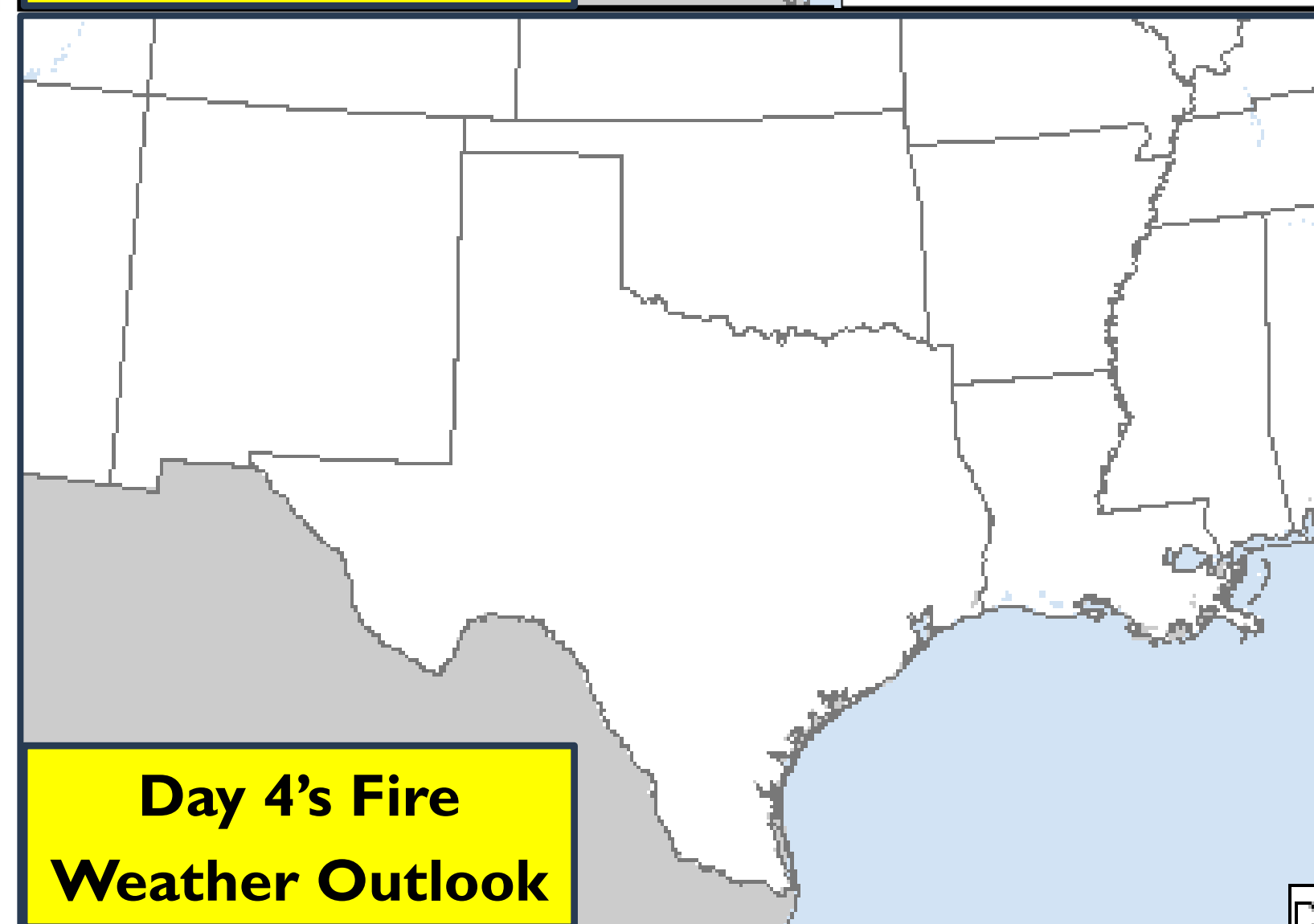
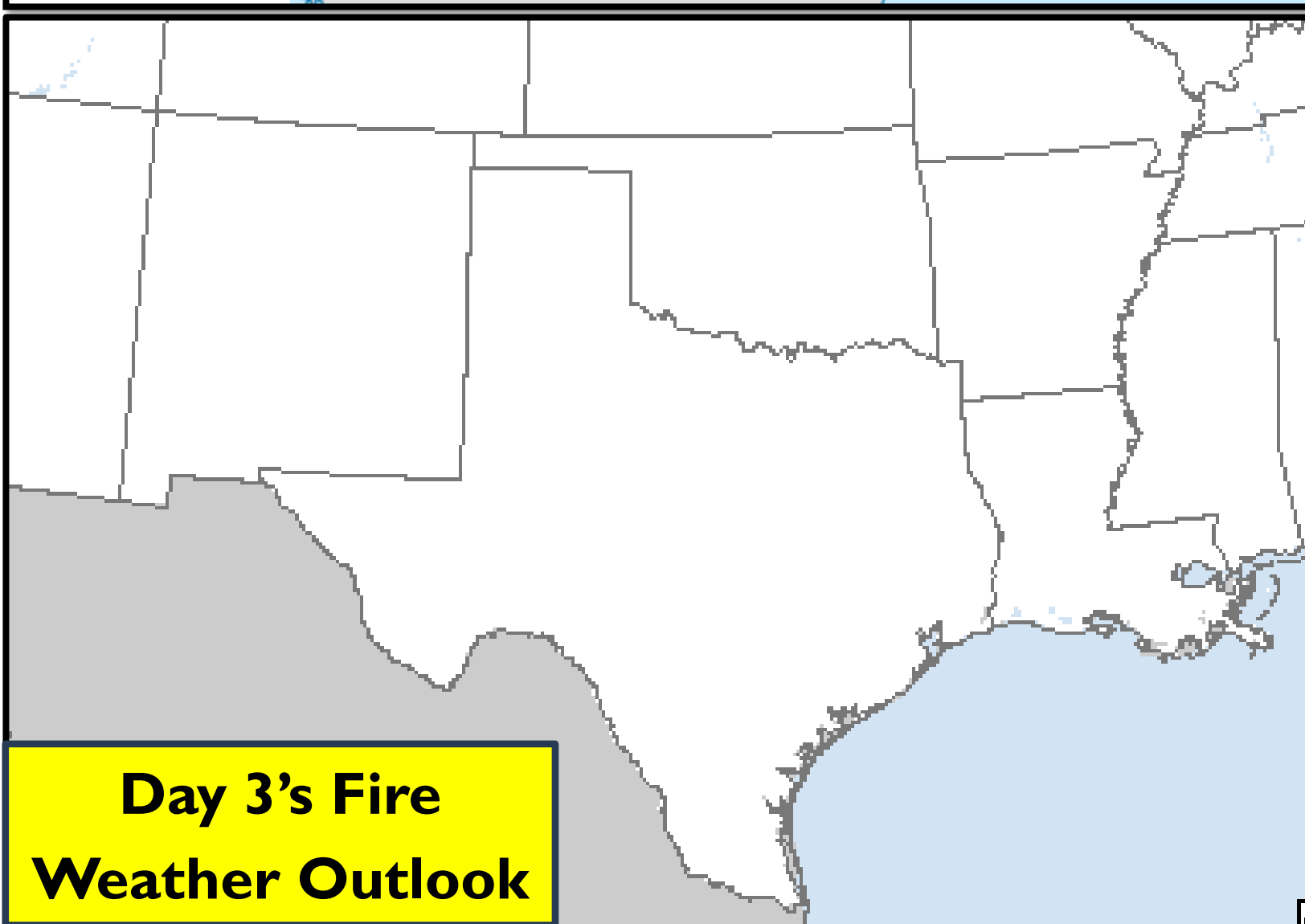
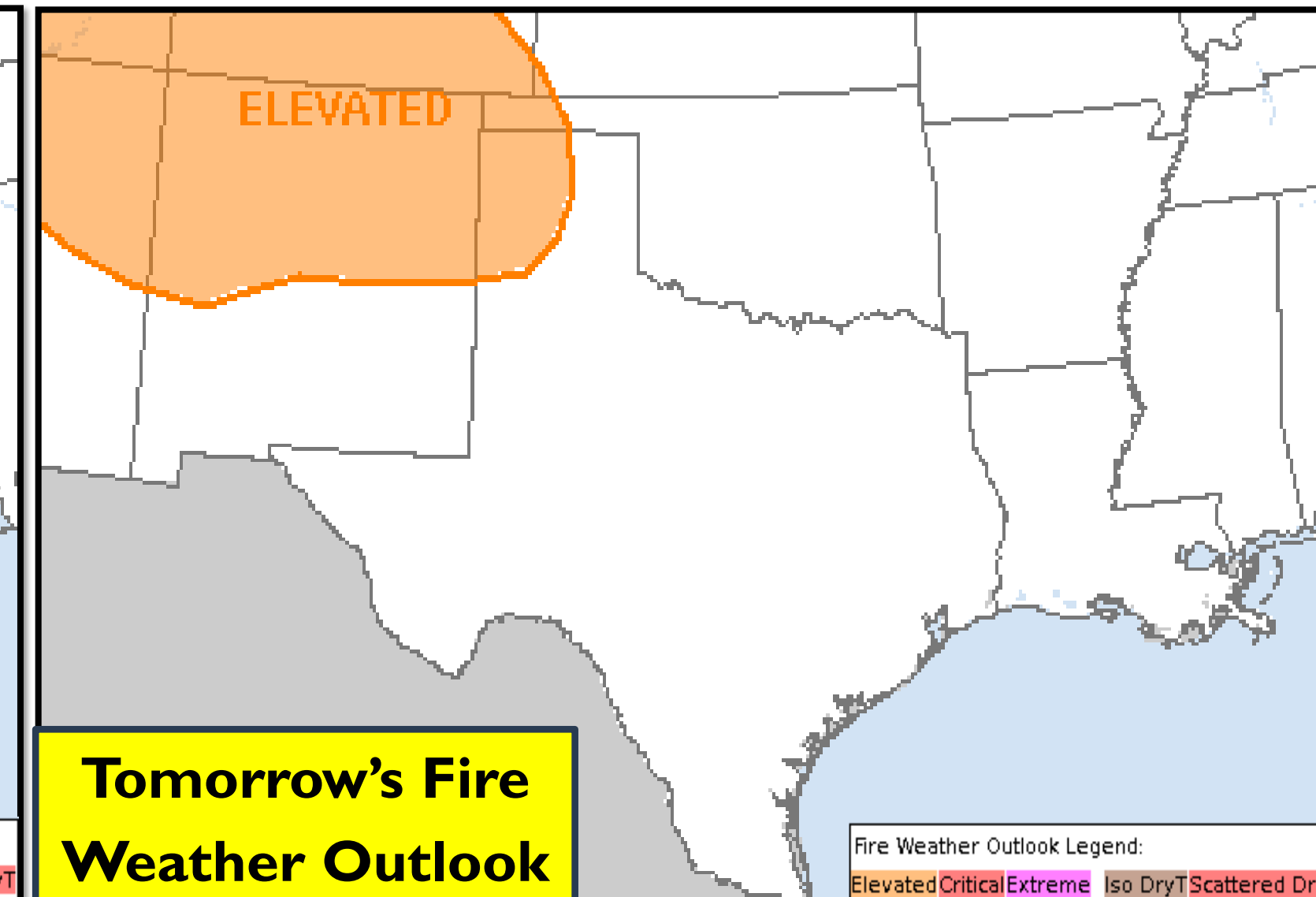
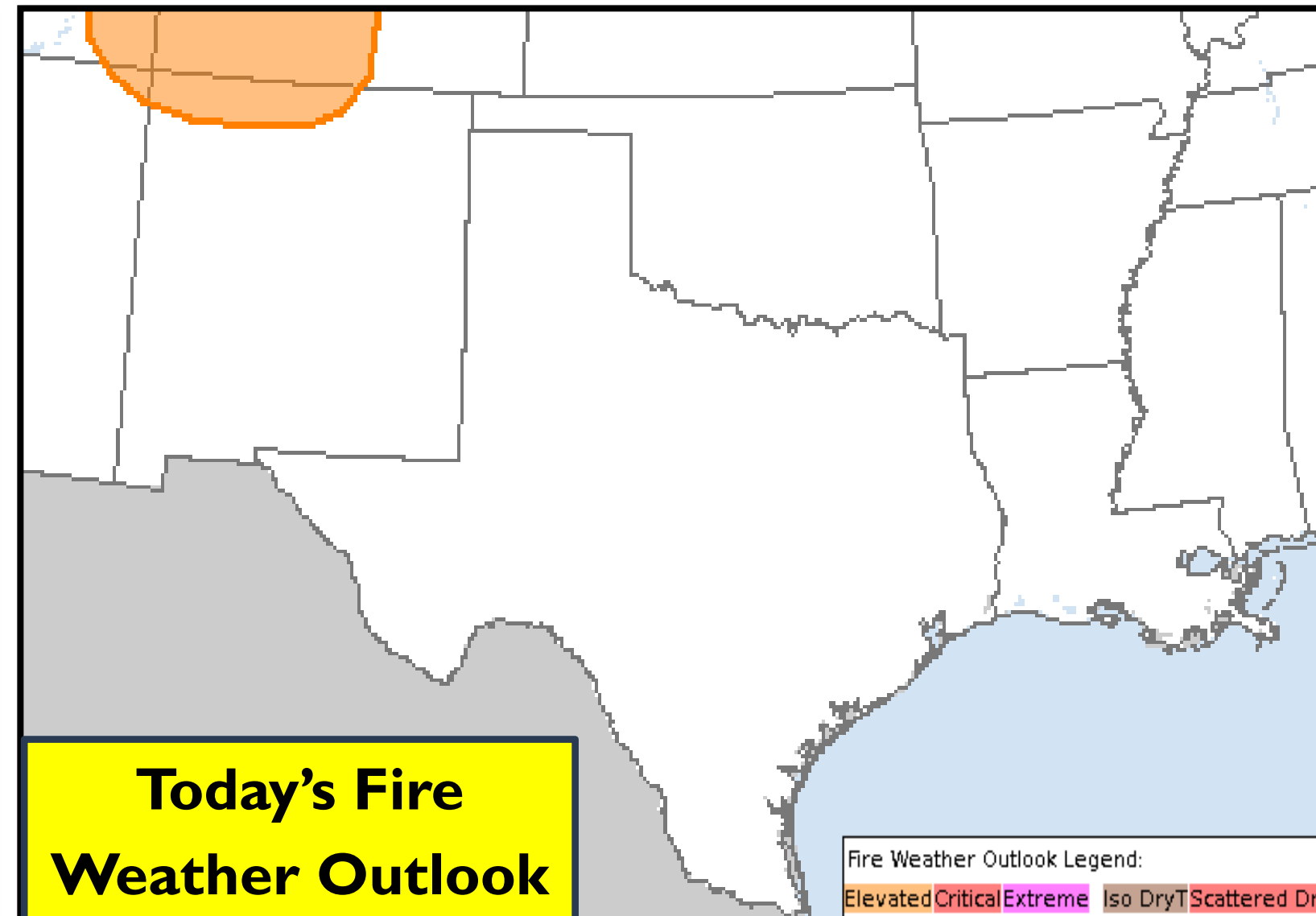
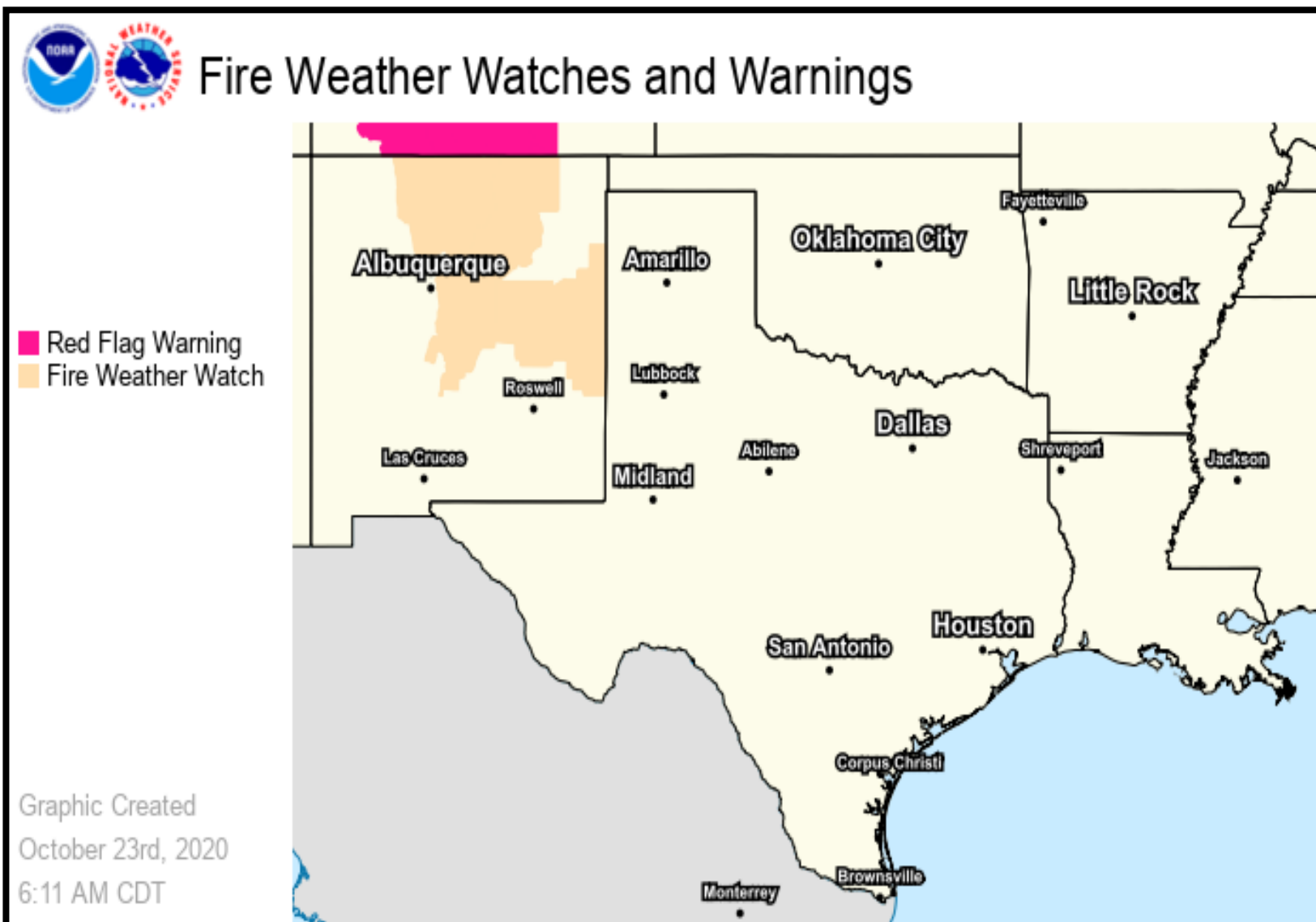
Excessive Rainfall Outlook



Fire Weather Outlooks



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10/23/2020 6:48 AM

Note: Days 3-5 only highlight Critical areas

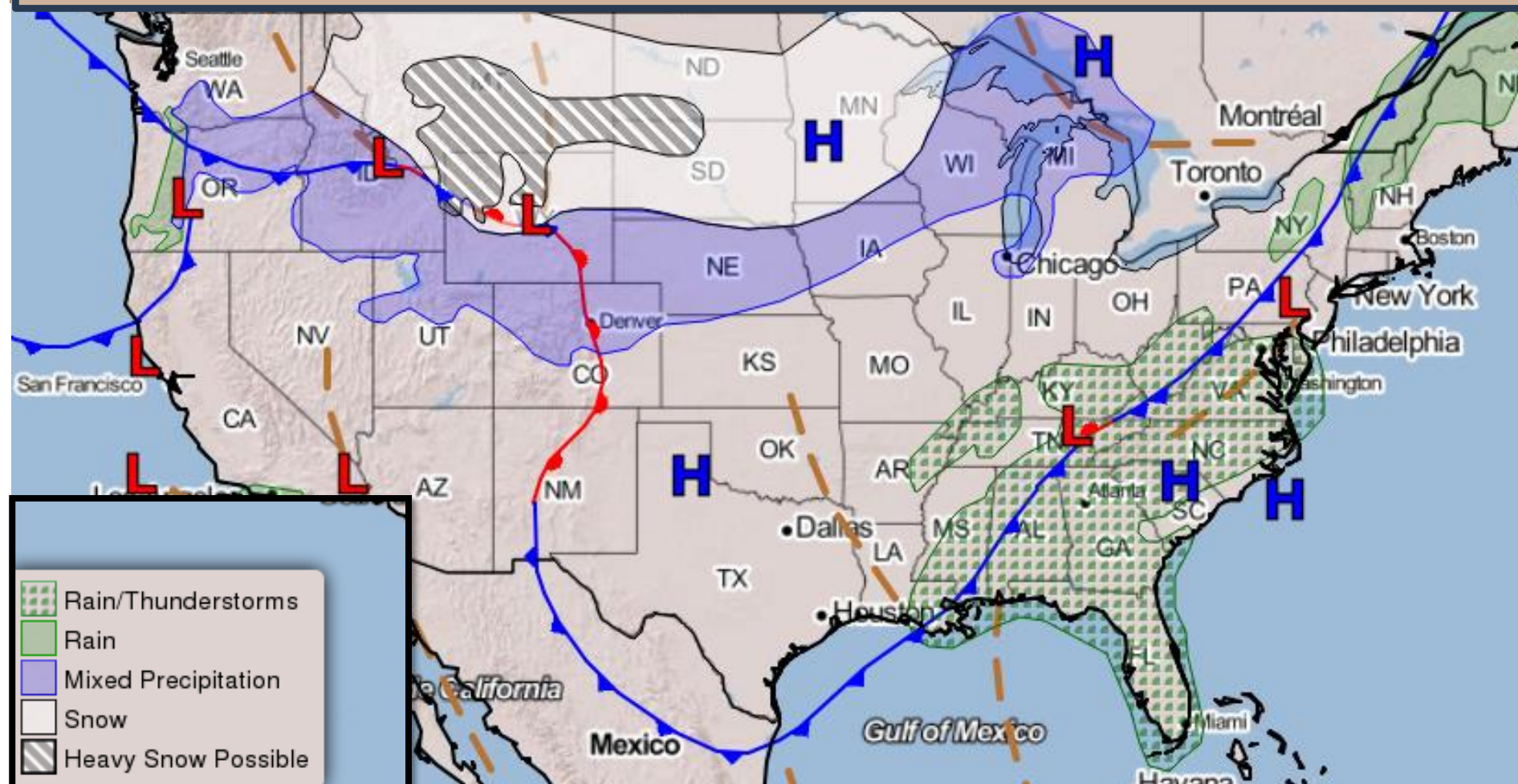
www.weather.gov/srh

Tomorrow's Weather



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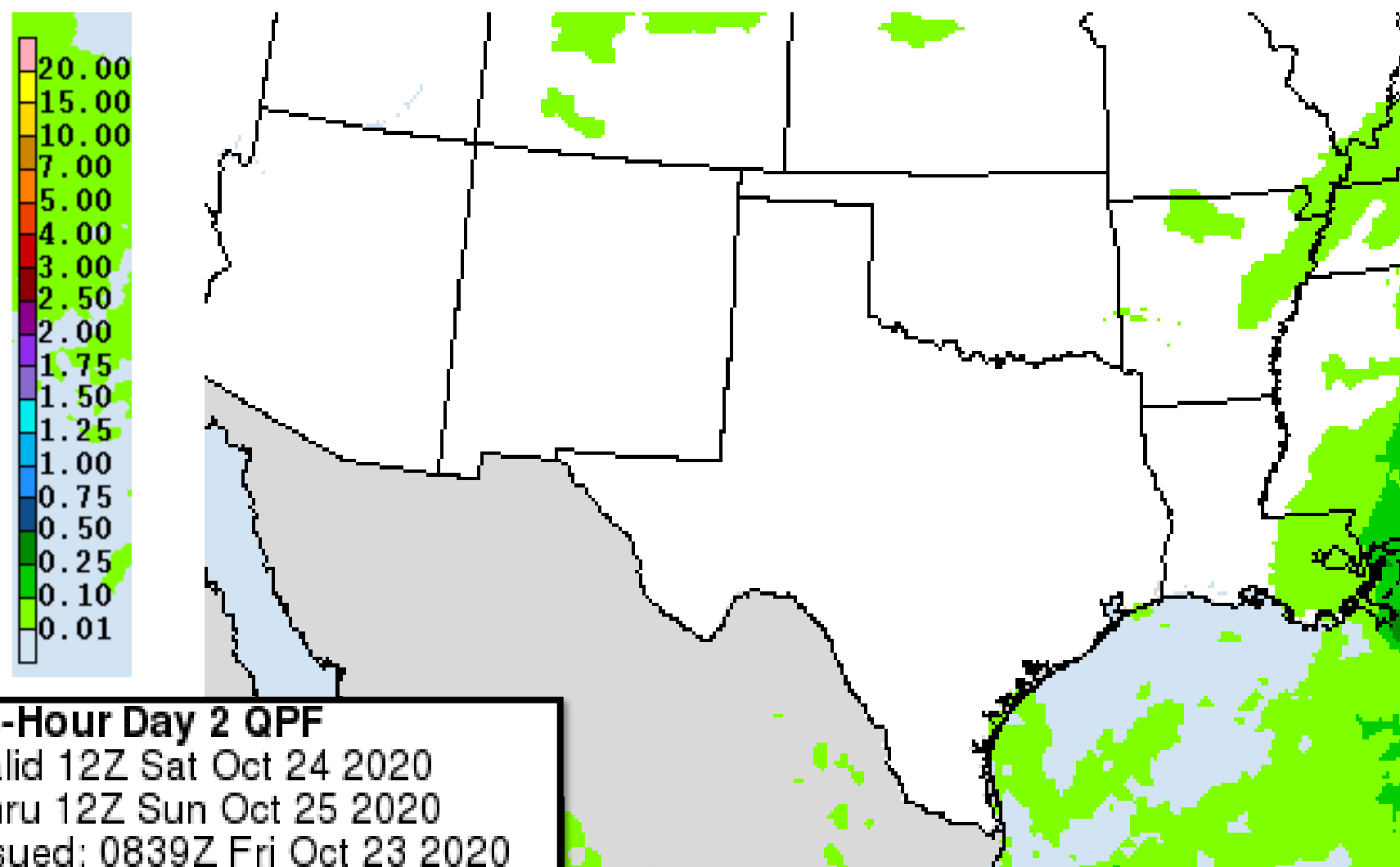
Forecast Chart



Weather Valid 8am EDT Sat Oct 24 2020 to 8am EDT Sun Oct 25 2020
Fronts Valid 8am EDT Sat Oct 24 2020

Issued 5:15 AM EDT Fri, Oct 23, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Asherman with WPC/SPC/NHC forecasts.

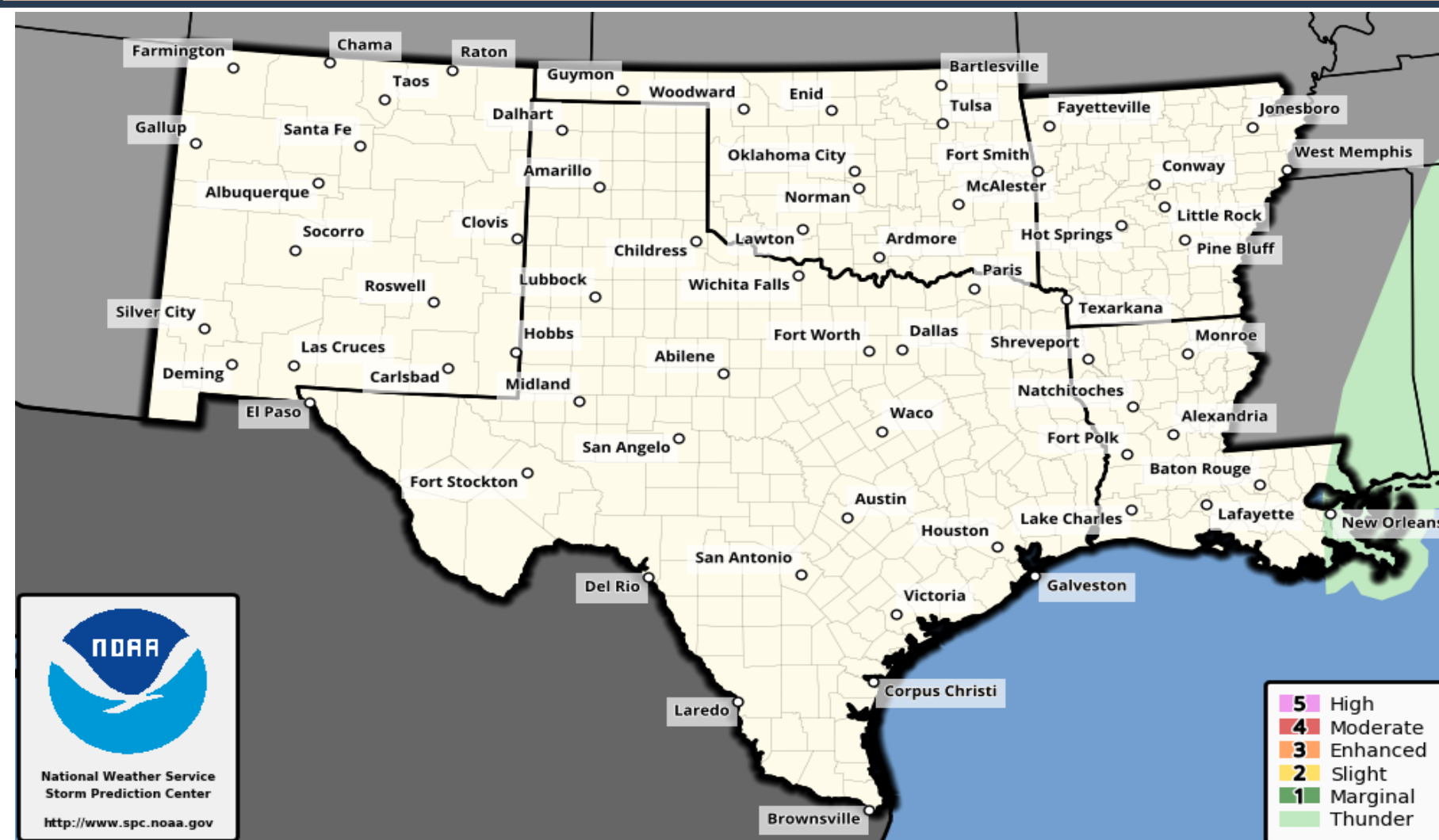
Forecast Rainfall



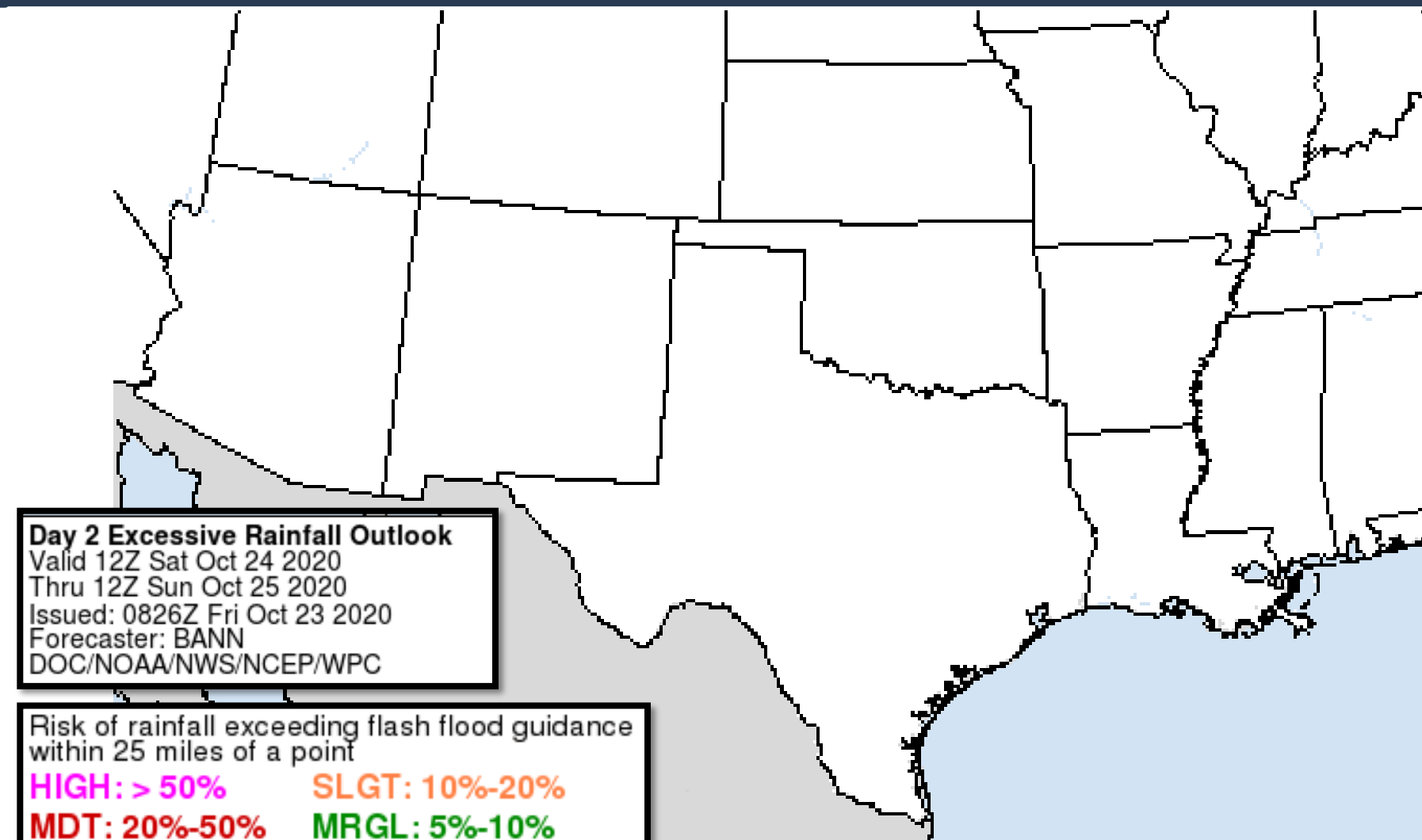
24-Hour Day 2 QPF
Valid 12Z Sat Oct 24 2020
Thru 12Z Sun Oct 25 2020
Issued: 0839Z Fri Oct 23 2020

No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

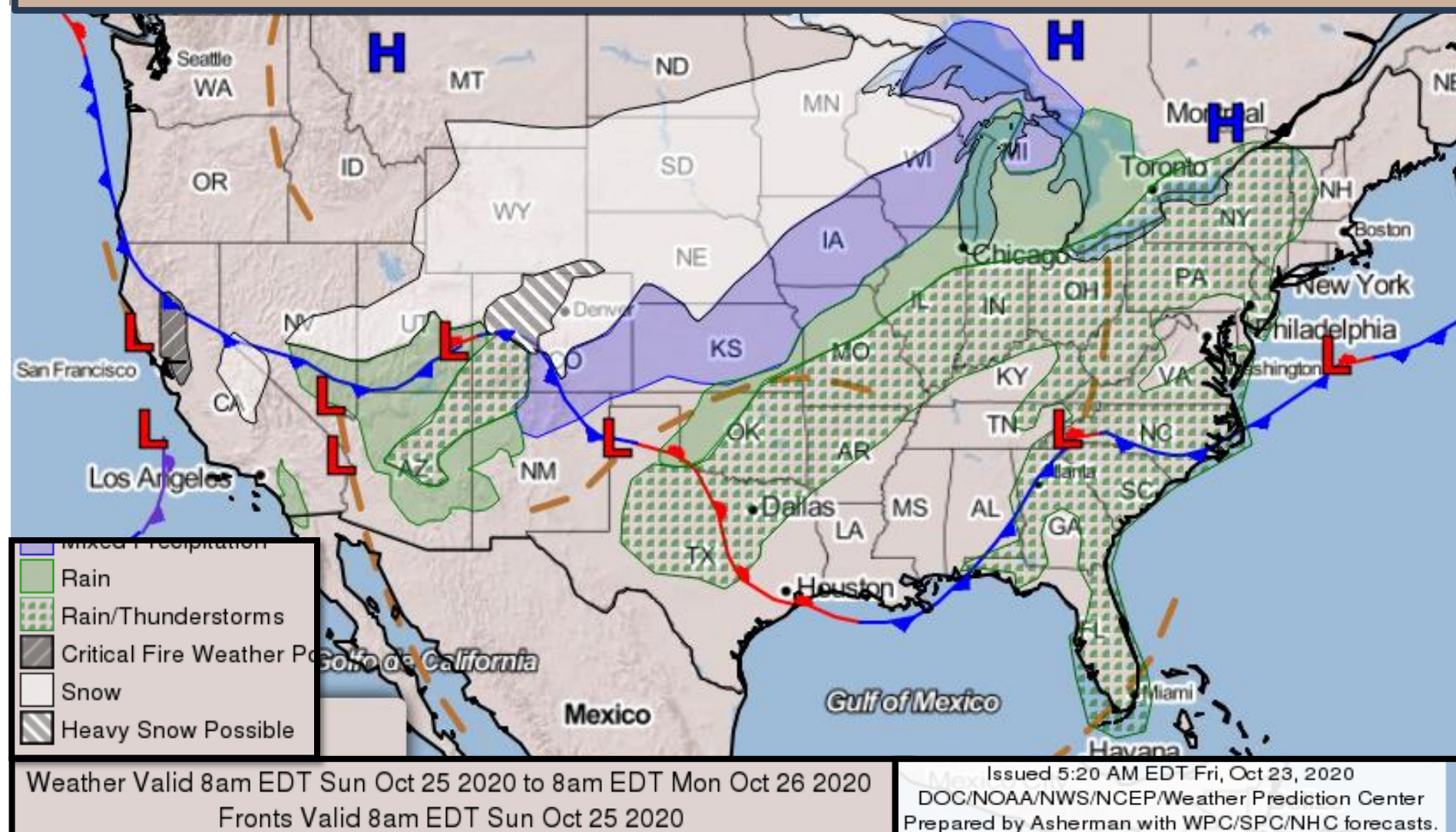


Day 2 Excessive Rainfall Outlook
Valid 12Z Sat Oct 24 2020
Thru 12Z Sun Oct 25 2020
Issued: 0826Z Fri Oct 23 2020
Forecaster: BANN
DOC/NOAA/NWS/NCEP/WPC

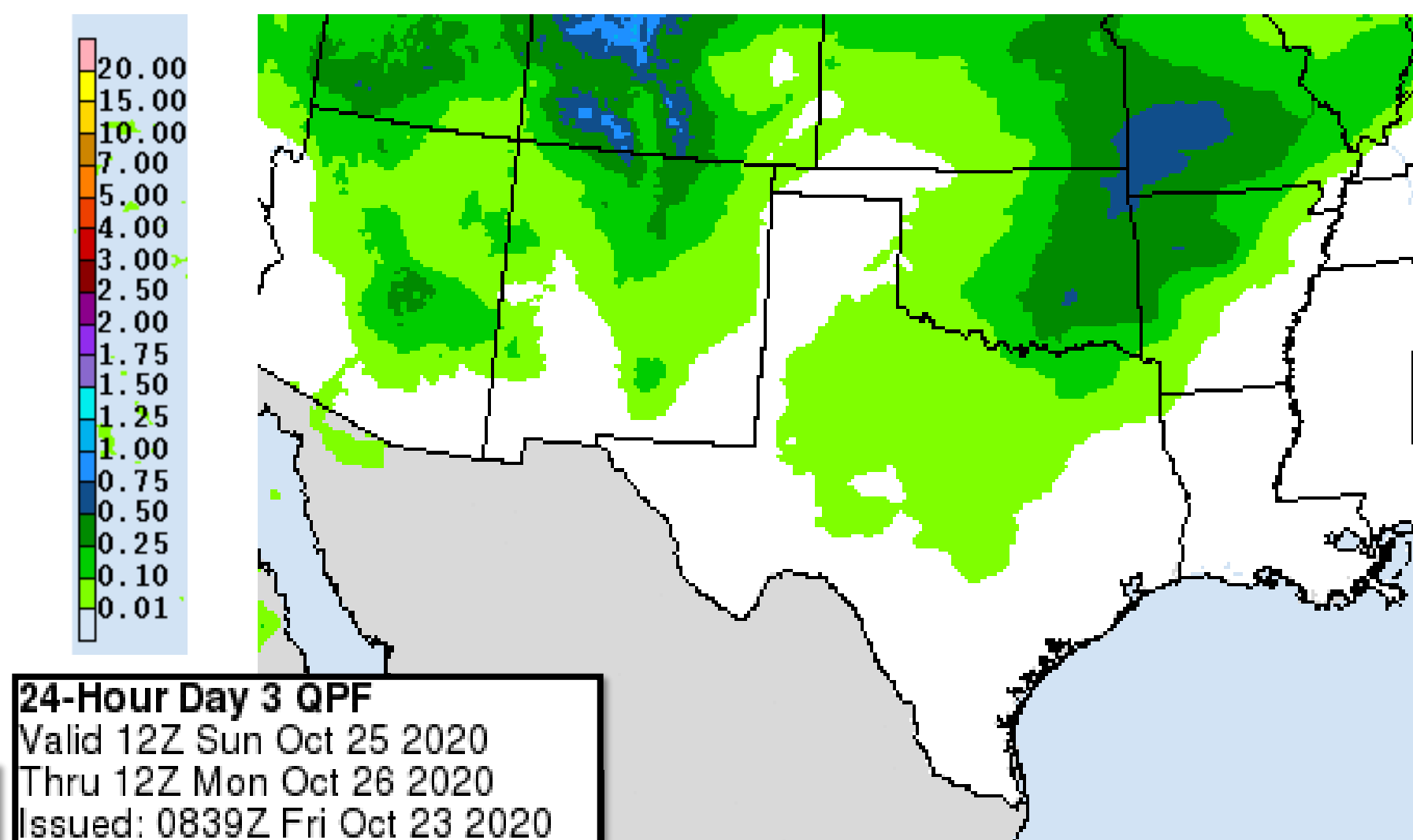
Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Sunday's Weather

Forecast Chart



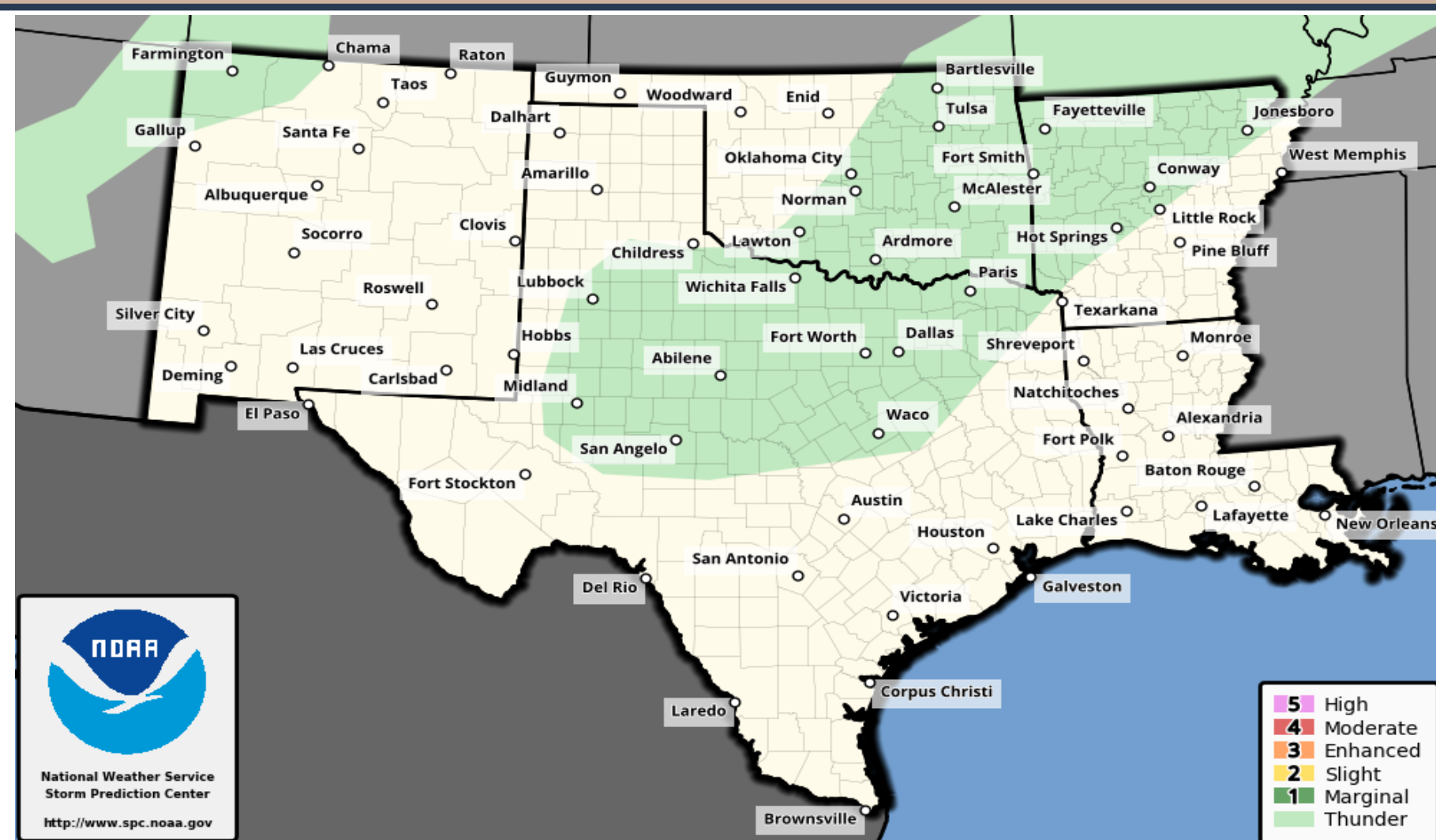
Forecast Rainfall



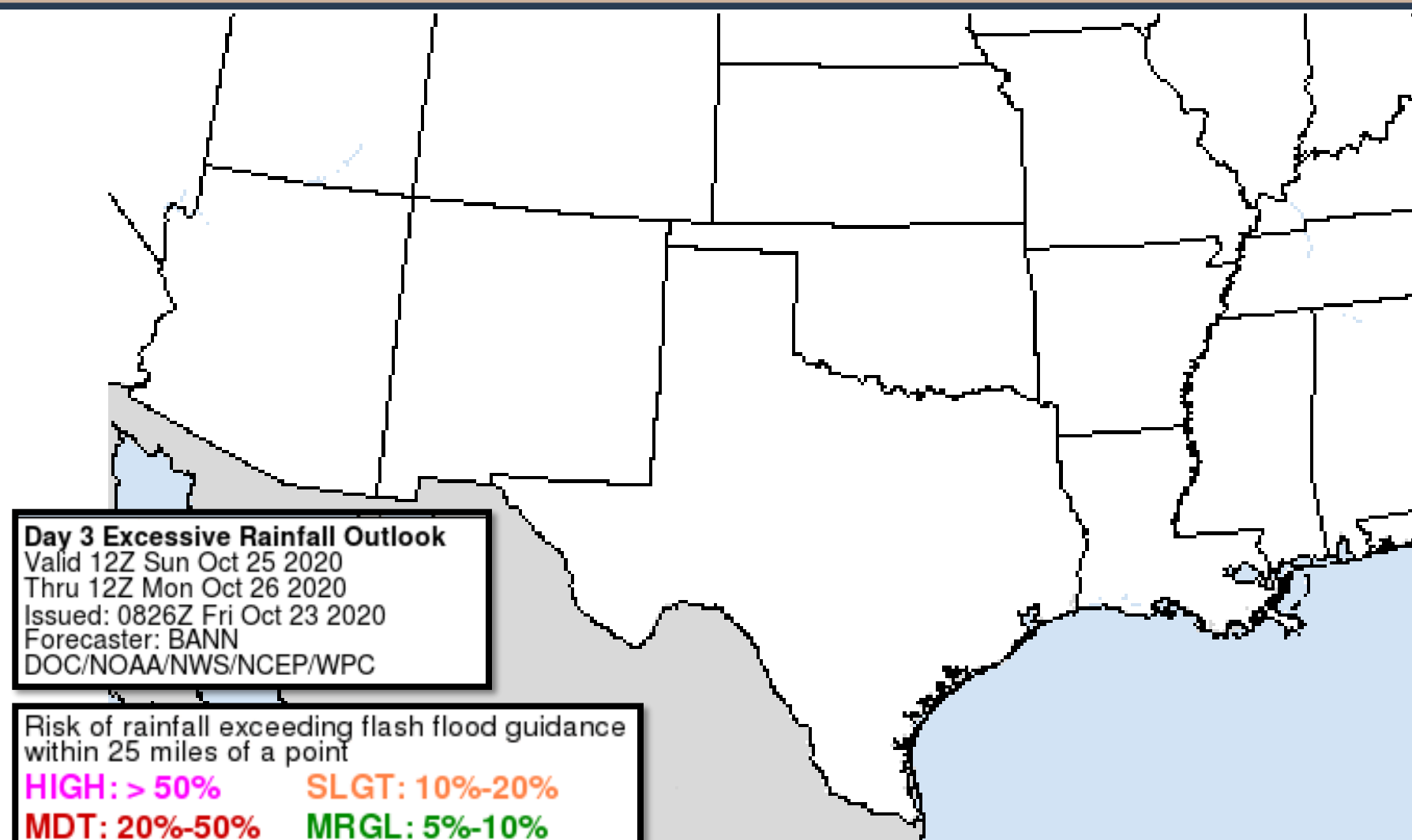
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**Wintry mix across
northern/eastern NM
Sunday night may lead to
some minor travel impacts.**

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

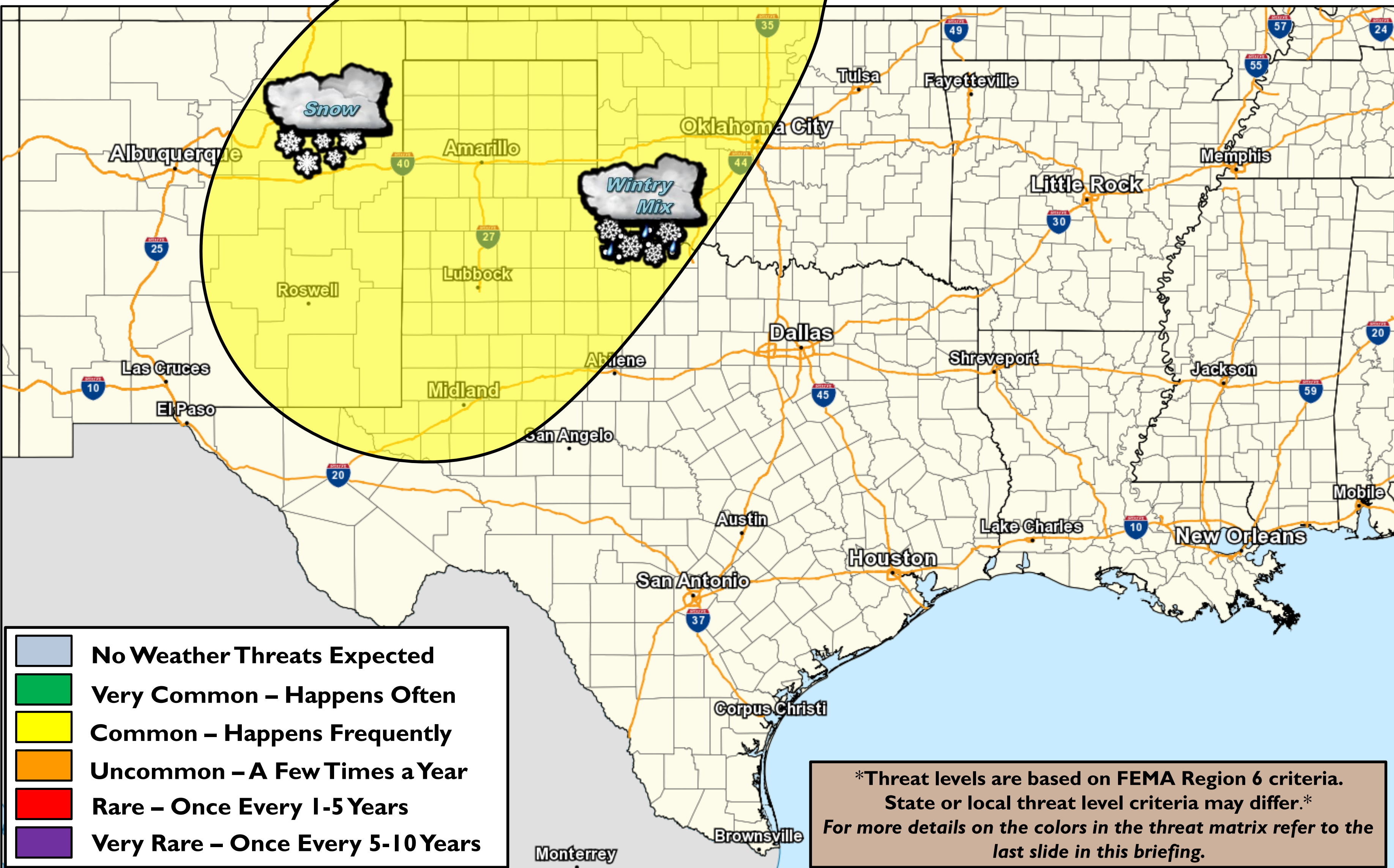
Monday - Tuesday



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Widespread winter-related travel impacts expected in the high terrain and eastern NM Monday and Tuesday.

Wintry precipitation/travel impacts may also spread into the TX/OK Panhandles, west TX, and western and central portions of OK Monday and Tuesday ... the degree of impacts over these areas remain uncertain at this time.



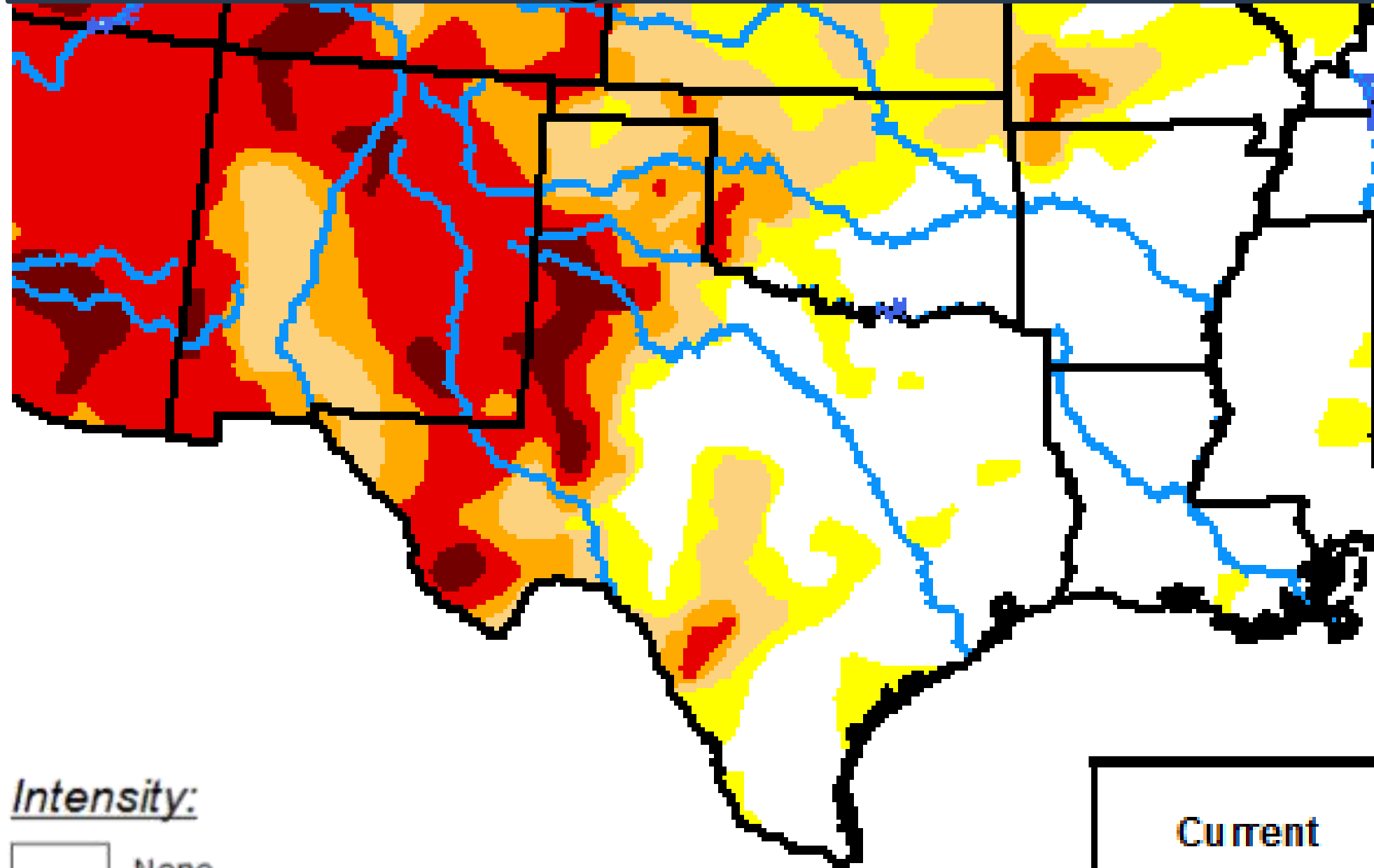
Drought Monitor (Released Oct 22, 2020)



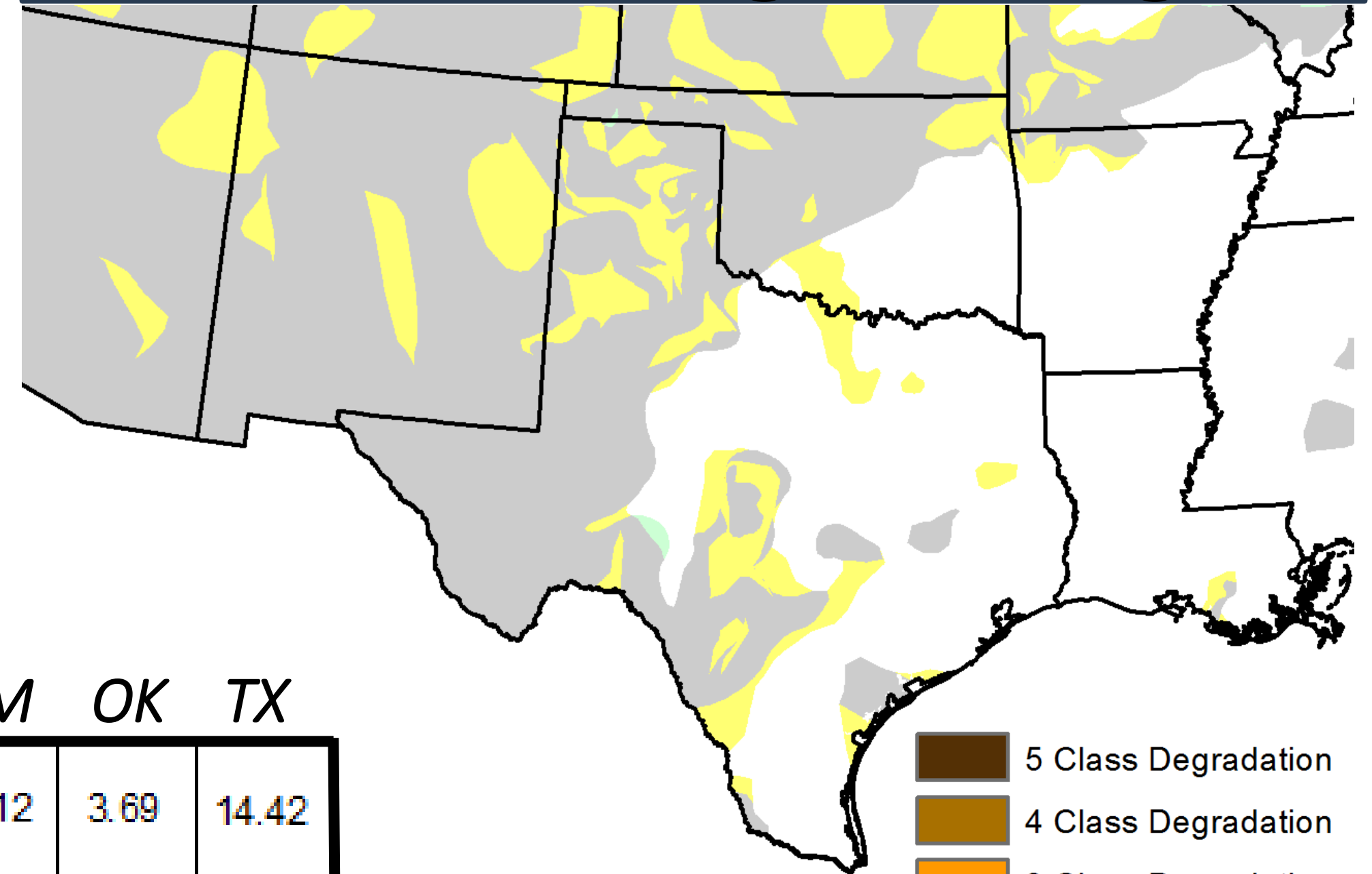
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Data valid as of 8 am ET on Tuesday, October 20, 2020

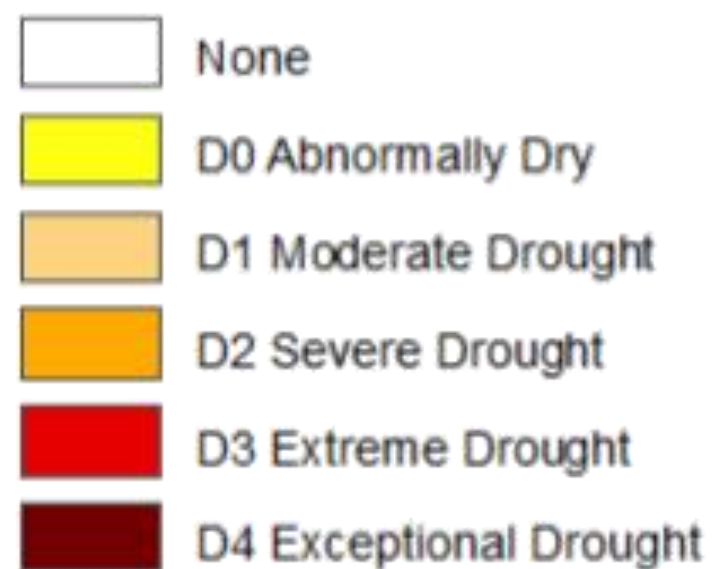
Drought Monitor



One Week Change in Drought



Intensity:

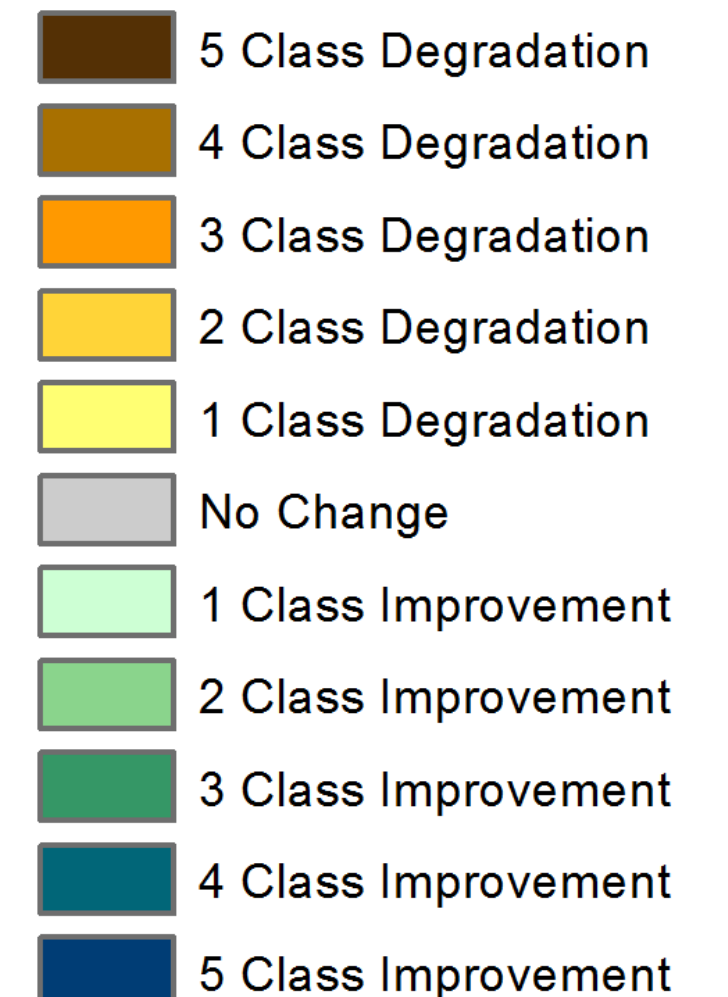


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

	AR	LA	NM	OK	TX
Current	0.00	0.00	67.12	3.69	14.42
Last Week 10-13-2020	0.00	0.00	53.56	2.56	13.67
3 Months Ago 07-21-2020	0.00	0.00	11.85	2.98	2.84
One Year Ago 10-22-2019	0.00	0.00	0.00	0.00	6.68

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

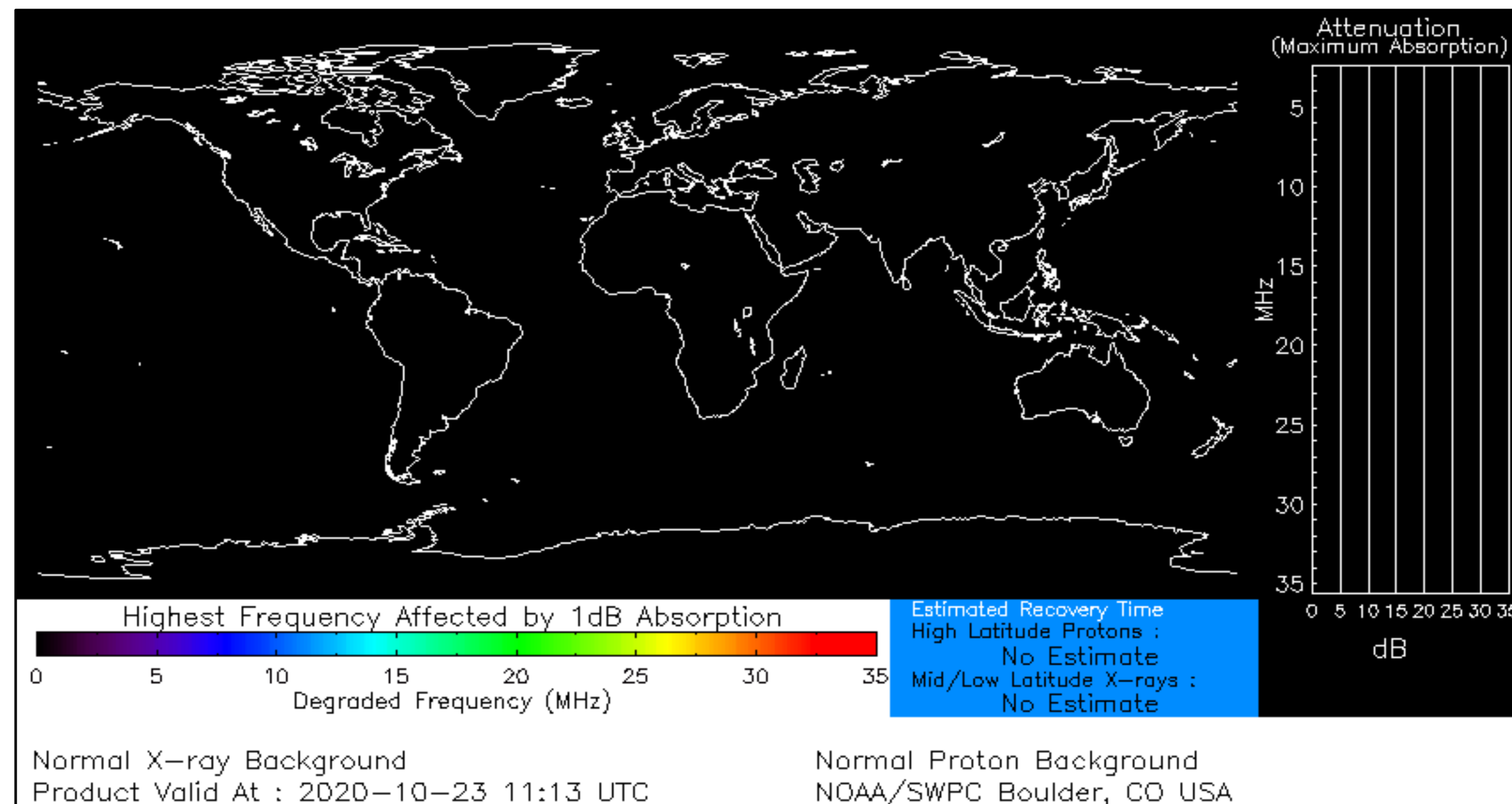


Space Weather 3-Day Forecast



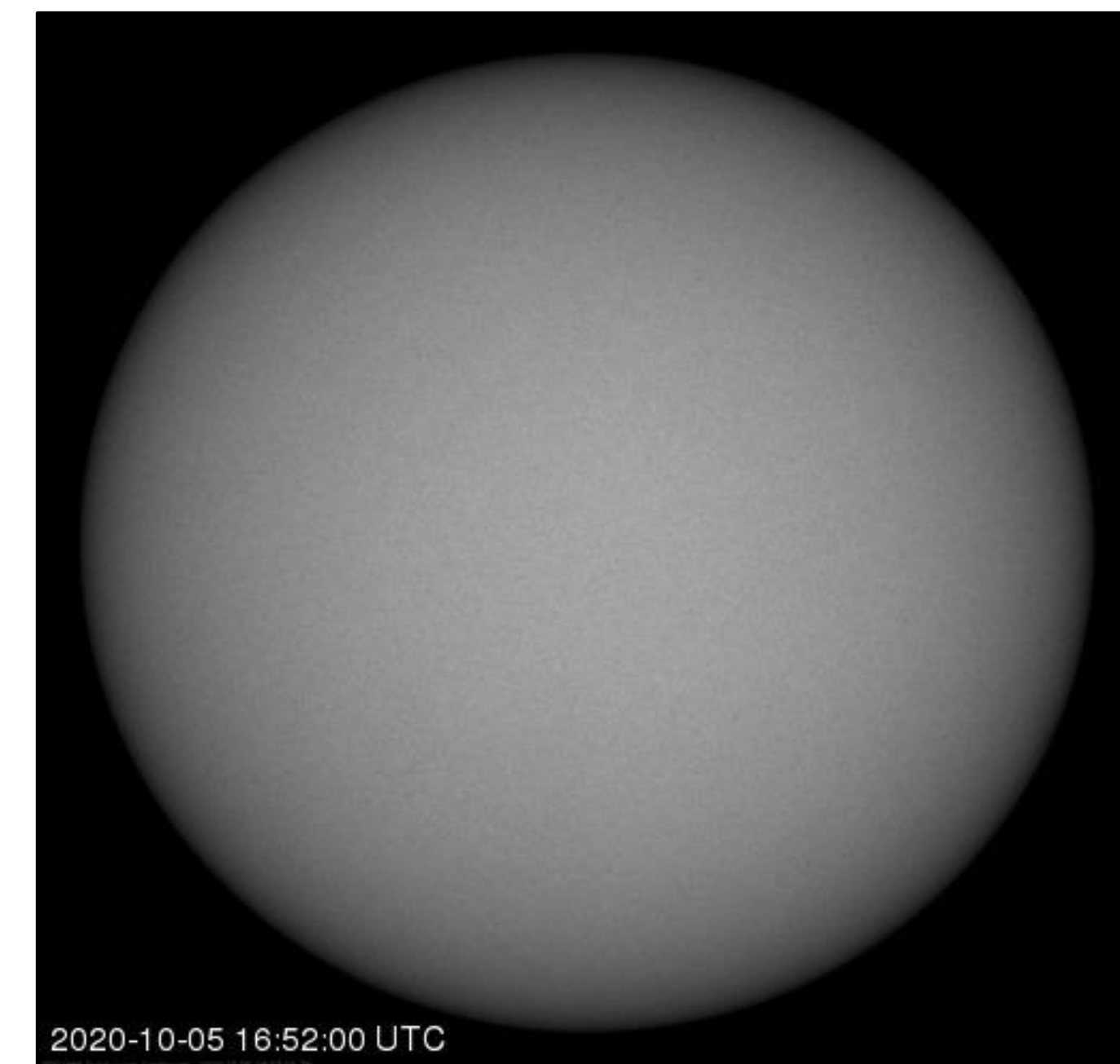
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	Friday	Saturday	Sunday
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





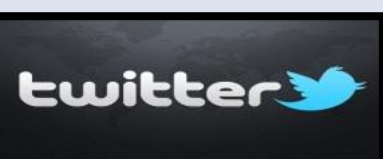
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov